STIC-Biotech/ChemLib

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Ramirez, Delia

Sent:

Wednesday, August 30, 2006 12:57 PM STIC-Biotech/ChemLib

To:

Subject:

10/824581

Hi,

I would like to request an alignment of SEQ ID NO:2 and 4.

Please provide a printout of the results.

Thank you very much,

Delia M. Ramirez, Ph.D. Patent Examiner Recombinant Enzymes-Art Unit 1652 **USPTO** 400 Dulany Street, Remsen Bldg., 2D74, Mail room 2C70 Alexandria, VA 22314 (571) 272-0938 delia.ramirez@uspto.gov

\*\*\*\*\*\*\* Searcher: Searcher Phone: Date Searcher Picked up:\_ Date completed:\_ Searcher Prep Time:\_ Online Time:\_

Type of Search \_ AA#:\_ Oligomer: S/L:\_ Encode/Transl: Structure #:\_\_\_ Inventor:\_\_\_\_ Litigation:\_\_\_

\*\*\*\*\*\*\* Vendors and cost where applicable STN: DIALOG: QUESTEL/ORBIT: LEXIS/NEXIS: SEQUENCE SYSTEM:\_ WWW/Internet:\_ Other (Specify):\_

10824581-2vs4.res

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GenCore version 5.1.9
Copyright (c) 1993 - 2006 Biocceleration Ltd.
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OM protein - protein search, using sw model

September 6, 2006, 10:56:15; Search time 0.001 Seconds (without alignments) 28.014 Million cell updates/sec Run on:

us-10-824-581-2 955 1 MTKTFKTLDDFLGTHFIYTY......YKEMPNDIRNGKYLIKTIV 174 Title: Perfect score:

Sequence:

BLOSUM62 Gapop 10.0 , Gapext 0.5 Scoring table:

Total number of hits satisfying chosen parameters: 1 segs, 161 residues Searched:

Minimum DB seq length: 0 Maximum DB seq length: 200000000

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

us-10-824-581-4:\* Database : Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Description 161 1 us-10-824-581-4 ü Query Score Match Length DB 69.8 666.5 Result No.

## ALIGNMENTS

RESULT 1 us-10-824-581-4

1; Gaps Query Match 69.8%; Score 666.5; DB 1; Length 161; Best Local Similarity 71.9%; Pred. No. 0; Matches 115; Conservative 26; Mismatches 18; Indels 1;

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SWTEPTGTDVALDFMPNEKKLHGTIFFPKWVEEHPEITVTYQNEHIDLMEQSREKYATYP 127 61 SWTEPTGTDVSLNFMPNEKRWHGIIFFPKWVHEHPEITVCYQNDHIDLMKESREKYETYP 120 89 ઠે a

128 KLVVPEFANITYM-GEGQNNEDVISEAPYKEMPNDIRNGK 166 | | | | | | | | | : | | : | | : | | : | | : | | : | | 121 KYVVPEFAEITFLKNEGVDNEEVISKAPYEGMTDDIRAGR 160

ò 요 Search completed: September 6, 2006, 10:56:15 Job time : 0.001 secs

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